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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>Customer No.</i>	23643	}	
		}	
<i>Group:</i>	1614	}	
		}	
<i>Confirmation No.:</i>	8706	}	
		}	
<i>Application No.:</i>	10/620,221	}	
		}	
<i>Invention:</i>	NEUROTHERAPEUTIC CLAVULANATE COMPOSITION AND METHOD	}	<b>ELECTRONICALLY FILED ON: February 21, 2008</b>
		}	
<i>Inventor:</i>	Gary A. Koppel	}	
		}	
<i>Filed:</i>	July 15, 2003	}	
		}	
<i>Attorney Docket:</i>	22064-71990	}	
		}	
<i>Examiner:</i>	Leslie A. Royds	}	

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111  
AND ELECTION OF SPECIES UNDER 37 C.F.R. § 1.146

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following is in response to the Official Action mailed January 25, 2008, notifying Applicant that Applicant's amendment filed October 31, 2007 was considered non-responsive. In the Office Action mailed October 4, 2007, the Examiner requested a reiteration of the species of cognitive disorder and clavulanate compound elected by Applicant's previous response filed July 23, 2007, in addition to election of a single disclosed specie of P-glycoprotein efflux pump inhibitor. Accordingly and for completeness, Applicant's July 23, 2007, response is resubmitted herein in its entirety having only been modified by replacing the election of a specie of P-glycoprotein efflux pump inhibitors on

page 5 with the specie (2R)-anti-5-{3-[4-(10,11-difluoromethanodibenzosuber-5-yl)piperazin-1-yl]-2-hydroxypropoxy}quinoline.

Applicant notes with appreciation the Examiner's grant of one month for reply recognizing Applicant's bonafide attempt to reply to the previous office action. Although Applicant believes that the Examiner's request to elect a single methanodibenzosuberane compound from 10,11-methanodibenzosuberane derivatives is improper, Applicant elects the above compound as a single chemical entity of P-glycoprotein efflux pump inhibitor for the purpose of expeditious prosecution of this application.

Please disregard the amendment to the specification in the present response if said amendment has previously been entered from Applicant's responses filed July 23, 2007, or October 31, 2007. Applicant does not believe that any fees are due with this response; however, the Commissioner is authorized to charge any fees that may be due, or credit any overpayment, associated with this response to Deposit Account No. 10-0435 with reference to our matter No. 22064-71990.

Amendments to the specification begin on page 3 of this paper.

Remarks begin on page 4 of this paper.